**Materials to get**

-24 Gauge wire, half pound (more than 50 feet)

-1 breadboard

-1 switch

-Resistors?

**Tasks**

Max diameter 0.05575734m

Axle diameter 0.02000000m

Gear Calculations

-Small gear : 0.005m radius

-Large gear: 0.0415m diameter

-Axle: 0.0024m radius